

Converting Colors

CIELCh(49, 23.326, 34.710)

Have a look what the booklet for
CIELCh(49, 23.326, 34.710) contains.

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Color

CIELCh(49, 23.057, 34.965)

Conversions

Conversions Part 1

Format	Color
Hex	9A685F
RGB	154, 104, 95
RGB Percent	60%, 41%, 37%
CMY	0.3961, 0.5922, 0.6275
CMYK	0.00, 0.32, 0.38, 0.40
HSL	9°, 24%, 49%
HSV	9°, 38%, 60%
XYZ	20.3393, 17.5941, 13.1484
YIQ	117.9240, 32.6890, 7.8010

Conversions

Conversions Part 2

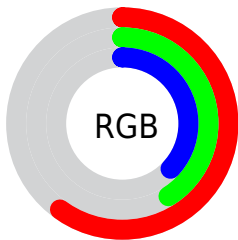
Format	Color
RYB	154, 106, 95
Decimal	10119263
CIELab	49.00, 18.90, 13.21
CIELCh	49, 23.057, 34.965
Yxy	17.5941, 0.3982, 0.3444
Android (android.graphics.Color)	4288309343 (0xFF9A685F)
YUV	117.9240, -11.3015, 31.6387
Hunter-Lab	41.9453, 13.1507, 10.7763

Details

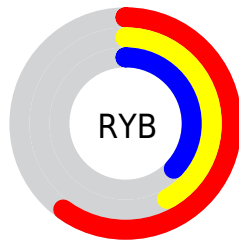
The CIELCh color **49, 23.057, 34.965** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 17.522, 215.116**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 23.075, 36.222**, and **29, 23.174, 34.282** is the 20% darker color. If you saturate the color by 10%, you get **46, 30.240, 35.651**, and if you desaturate by 10%, it is **53, 16.359, 34.515**.

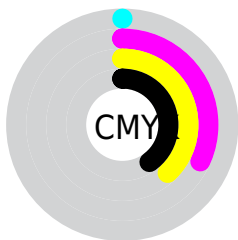
Distribution



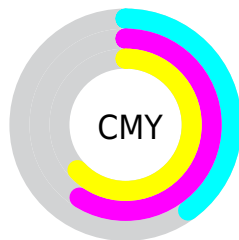
- Red (60%)
- Green (41%)
- Blue (37%)



- Red (60%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (40%)



- Cyan (40%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 23.057, 34.965 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 49, 23.057, 34.965 by changing the saturation by 10% instead.

■ 49, 23.057, 34.965

■ 49, 23.057, 34.965

■ 100, 23.057,
34.965

■ 39, 23.057, 34.965

■ 69, 23.057, 34.965

■ 29, 23.057, 34.965

■ 79, 23.057, 34.965

■ 19, 23.057, 34.965

■ 89, 23.057, 34.965

■ 9, 23.057, 34.965

■ 99, 23.057, 34.965

■ 0, 23.057, 34.965

■ 49, 23.057, 34.965

■ 49, 23.057, 34.965

■ 46, 30.240, 35.651

■ 53, 16.359, 34.515

■ 42, 37.864, 36.602

■ 56, 10.156, 34.233

39, 45.810, 37.844

60, 4.427, 34.052

37, 53.834, 39.327

64, 0.865, 214.665

35, 61.418, 40.808

68, 5.758, 214.284

33, 67.822, 42.033

72, 10.297,
214.376

33, 68.837, 42.309

76, 14.522,
214.533

80, 18.470,
214.727

84, 22.176,
214.945

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49, 23.057, 34.965



57, 17.522, 215.116

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 23.057, 34.965



49, 23.057, 84.965



49, 23.057, 214.965



49, 23.057, 264.965

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49, 23.056, 34.970



76, 7.377, 34.102



48, 36.478, 331.142



40, 5.021, 34.123



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 23.056, 34.970



60, 35.646, 35.541



57, 23.665, 84.865



30, 3.005, 34.068



30, 63.767, 42.123



1, 3.145, 33.848

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57, 17.522, 215.116



72, 25.151, 215.687



48, 23.300, 275.983



31, 2.837, 214.281



46, 27.939, 224.499



2, 3.111, 215.582

Previews

White Background



This preview shows how the CIELCh color 49, 23.057, 34.965 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 49, 23.057, 34.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

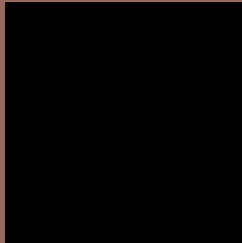
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 23.057, 34.965

Background



This preview shows how black text looks on a background with the CIELCh color 49, 23.057, 34.965.

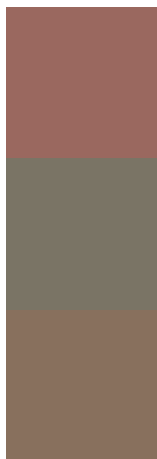


This preview shows how white text looks on a background with the CIELCh color 49, 23.057, 34.965.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49, 23.057, 34.965

Protanopia

49, 9.129, 92.721

Deuteranopia

49, 15.512, 65.425



Tritanopia
49, 22.890, 10.834

Trichromacy



Original Color
49, 23.057, 34.965

Protanomaly
49, 12.305, 58.099

Deuteranomaly
49, 17.663, 50.287

Tritanomaly
49, 22.470, 19.354

Monochromacy



Original Color
49, 23.057, 34.965

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 7.764, 33.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 23.057, 34.965 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 104, 95)` looks like.

```
.text, #text, p{  
    color:rgb(154, 104, 95)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 104, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 104, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 23.057, 34.965 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 104, 95) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(154, 104, 95) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(154, 104, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 104, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 104, 95);  
box-shadow:4px 4px 4px 4px rgb(154, 104,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 23.057, 34.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 104, 95) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
104, 95) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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